

REQUEST FOR QUALIFICATIONS (RFQ)
RFQ 08-010

The City of Houston intends to enter into contract with a professional engineer to provide engineering services for the project listed below. The work to be performed by the engineer under the proposed contract shall consist of professional engineering services per the city's standard design contract (available for reference at: http://www.publicworks.cityofhouston.gov/documents/procedures/cip_projects/standard_engineering_services_contract.pdf)

To qualify for selection, the submitting firm must have a professional engineer, registered in Texas who can sign and seal the work to be performed in the contract. To be considered for evaluation, firms should submit a specific statement of qualifications (SOQ) for the project(s) and may not submit more than one response to this RFQ or be subject to disqualification.

The submittal shall include a transmittal letter. Following the transmittal letter shall be a one-page letter from each sub-consulting firm proposed in the submittal indicating that firm's desire to be included and indicating a general statement of the scope of services that the sub-consultant will perform if the submitting firm is selected. A copy of the submitting firm's response to questionnaire pertaining to "Conflict of Interest" submitted to the City Secretary should also be included. Local Government Code Chapter 176 requires firms seeking to do business with the City of Houston ("City") to file a Conflict of Interest Questionnaire with the City Secretary. The Conflict of Interest Questionnaire is available for downloading on the Texas Ethics Commission's website at <http://www.ethics.state.tx.us/forms/CIQ.pdf>. The completed Conflict of Interest Questionnaire will be posted on the City Secretary's website. It is the submitting firm's responsibility to submit the latest version of the Conflict of Interest questionnaire form as promulgated by the Texas Ethics Commission.

The length of submittal document shall not exceed ten 8 1/2 x 11 pages (single sided). The submittal shall include:

- Specific technical capabilities of the firm(s) for the project(s); include capability to prepare design in accordance with TP100 Storm Sewer Design Applications for the CIP projects;
- Prior demonstrated experience in accomplishing similar projects;
- Demonstrated timeliness on similar projects;
- Demonstrated ability to find cost saving/cost effective solutions;
- Examples of effective services rendered during the construction phase of projects engineered by the firm;
- Specific qualifications of employees intended to be assigned on the project(s);
- Identification and qualifications of sub-consultants intended to be used on the project(s), and
- Demonstrated ability to fulfill M/WBE goals.
- Demonstrates extensive experience in Intelligent Transportation systems (ITS), i2-TMS central control software, traffic signal controllers, and traffic signal communications.

- Demonstrates extensive experience with AB3418 Protocol and National Transportation Communications for ITS Protocol (NTCIP).
- Demonstrates extensive experience with traditional and leading edge wireless communications technologies.

A committee appointed by the Director of Public Works and Engineering will review the submittals and recommend the most highly qualified submitting firms for sections. The PWE-100 Forms and previously completed engineer evaluations on file will be used along with the submittal document for each submitting firm's qualifications.

A pre-submittal meeting will be held at 3:00 PM on , Friday, June 8, 2007 in the George R. Brown Convention Center, Room 360 A, B, D, & E to discuss this and other solicitations. A firm may not have more than (2) members at this meeting.

Deadline: Seven (7) copies of a letter of interest notifying the City of Houston of the Provider's intent to be considered for these professional services, including qualifications and accompanying statements shall be addressed to the City of Houston, Department of Public works and Engineering, 611 Walker, 15th floor, Attention: Mr. Reid K. Mrnsy, P.E., Houston, Texas 77002 and will be received until 2:00 p.m. (CST) Wednesday, June 27, 2007 any submissions received after this time will not be considered. Submit qualifications in a sealed envelope and clearly identify RFQ number and firm name on outside of the envelope.

Selection No. T08

N-0650: School Zone Flasher/Wireless Traffic Sign Communications System

- **Project Location:** City Wide
- **General Scope:** The School Zone Flasher/Wireless Traffic Signal Communications System shall include, but not limited to, the design of the following:
 - a. Retrofit the existing 1,400+ solar-powered school zone flasher system, within the City of Houston, from a one-way pager system to a two-way wireless communication system.
 - b. The two-way communications system shall communicate with traffic signal controllers (quantity to be determined).
 - c. The final product shall be a single system communicating with both school zone flashers and traffic signal controllers.
 - d. The system shall operate in the 900 MHz ISM band, Frequency-Hopping Spread-Spectrum (FHSS).
 - e. The system shall consume minimal power utilizing the existing 12-VDC flasher battery and consume no more than 10% of the battery load.
 - f. The school zone flashers and the wireless system shall communicate with Houston TranStar's ATMS and the system shall be City-owned with no monthly recurring lease fee.
 - g. Develop a system which shall be expandable to add additional school zone flashers and traffic signal controllers in the future, support multiple flasher system brands, and programmable via field laptop/PDA.

- h. Deliver assured Quality of Service (QoS).
- i. Provide intrusion detection and security management.